



website : <http://www.LGservice.com>

e-mail : <http://www.LGservice.com/techsup.html>

WM3431H*
WM3434H*

Washing Machine

OWNER'S MANUAL

Please read this manual carefully. It provides instructions on safe installation, use, and maintenance. Retain it for future reference.

Record the model and serial numbers of your machine and report this information to your dealer if your machine requires service.



Product Feature



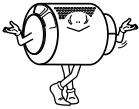
- **Automatic Process From Washing To Drying.**

Automatic process from washing to drying can be selected easily.



- **More economical by Intelligent Wash System**

Intelligent Wash System detects the amount of load and water temperature, and then determines the optimum water level and washing time to minimize energy and water consumption.



- **Direct Drive System**

The advanced Brushless DC motor directly drives the drum without belt and pulley.



Delay Wash
Press & Hold 3 sec
To set child lock

- **Child-Lock**

The Child-Lock prevents children from pressing any button to change the settings during operation.



- **Built-in Heater**

Internal heater automatically heats the water to the best temperature on selected cycles.



- **Low noise speed control system**

By sensing the amount of load and balance, it evenly distributes load to minimize the spinning noise level.



- **Auto Restart**

If the washing machine is turned off by a power failure, it will restart automatically from the position it stopped at adjusting accordingly.

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Important Safety Information

READ ALL INSTRUCTIONS BEFORE USE



WARNING!

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.

IMPORTANT SAFETY INSTRUCTIONS

▲ WARNING : To reduce the risk of fire, electric shock, or injury to persons when using the washer, follow basic precautions, including the following:

- Read all instructions before using the washer.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- Do not add gasoline, dry cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the washing machine, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children.
- Before the washer is removed from service or discarded, remove the door to prevent children from hiding inside.
- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in the user-maintenance instructions or published user-repair instructions that you understand and have the skills to carry out.
- See Installation Instructions for grounding requirements.
- Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- Interior of washer and condensing duct should be cleaned periodically by qualified service personnel.
- ALWAYS follow the fabric care instructions supplied by the garment manufacturer.
- Do not place items exposed to cooking oil in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.

SAVE THESE INSTRUCTIONS

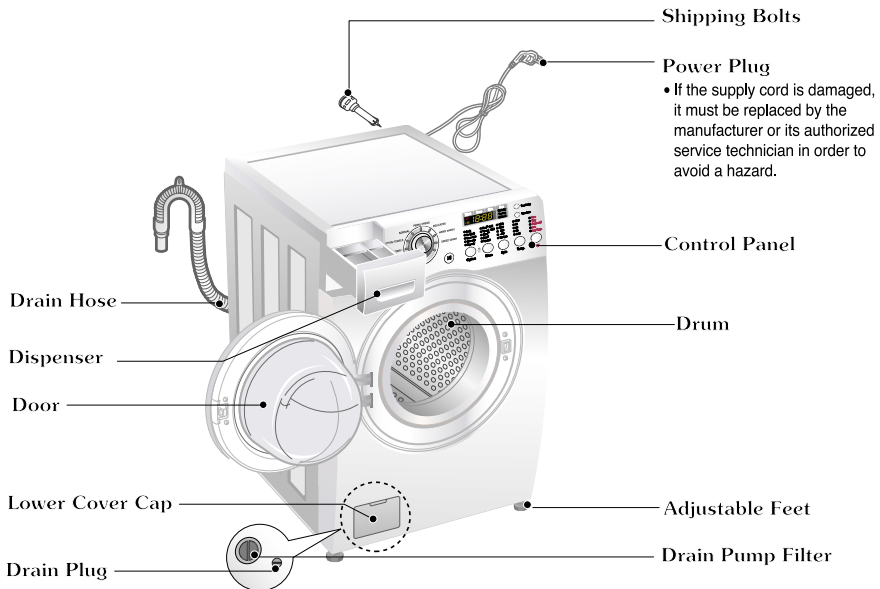
GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

- Do not use an adapter or extension cord.
- Do not remove ground prong.
- If you don't have the proper outlet, consult an electrician.

▲ WARNING : Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it does not fit the outlet, have a proper outlet installed by a qualified electrician.

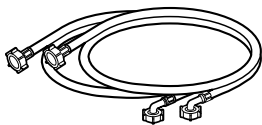
S pecification



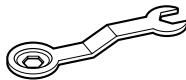
- Name: Front-loading Washing Machine
- Power supply : 120V~, 60Hz
- Size: 23³/₈ X 25³/₈ X 33¹/₄ (inches)
595 X 645 X 845 (mm)
- Weight: 147 lbs. (66.7 kg)
- Wash capacity: 2.11 cu.ft.
- Dry capacity: 2.11 cu.ft. – Max. 8¹³/₁₆lbs. (4 kg)
- Spin speed: 1400 rpm max. (WM3431H*)
1200 rpm max. (WM3434H*)
- Permissible water pressure: 4.5 ~ 145 PSI (30 ~ 1000 kPa)

* Specifications subject to change by manufacturer.

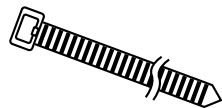
■ Accessories



Hose
Hot/Cold (1 each)



Wrench



Tie strap
to secure drain hose to standpipe,
inlet hose, or laundry tub

Installation

Install or store unit where it will not be exposed to temperatures below freezing or exposed to outside weather conditions.

Properly ground washer to conform with all governing codes and ordinances.

To reduce the risk of electric shock, do not install the washer in humid spaces.

The base opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

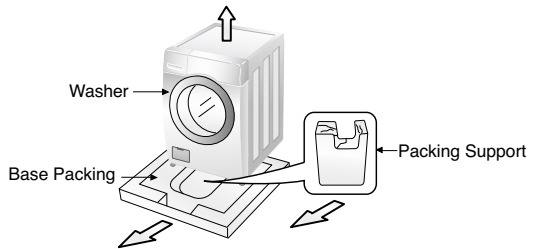
In countries where there are areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings in clean condition at all times.

Damage caused by cockroaches or other vermin will not be covered by the appliance warranty.

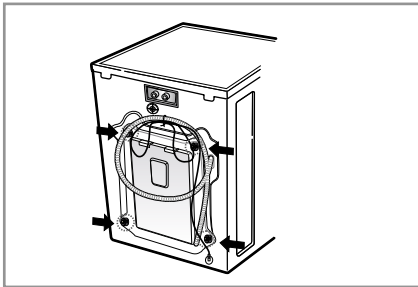
■ Shipping bolts

The appliance is fitted with shipping bolts to prevent internal damage during transport.

- Packing and all shipping bolts must be removed before using the washer.
- When unpacking the base, be sure to remove the additional packing support in the middle of the base packing.



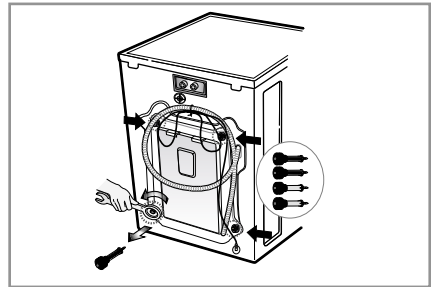
■ Removing shipping bolts



1. To prevent internal damage during transport, 4 locking bolts are installed. Before operating the washer, remove the bolts.

- If they are not removed, it may cause severe vibration, noise, and malfunction.

2. Unscrew the 4 bolts with the wrench supplied.



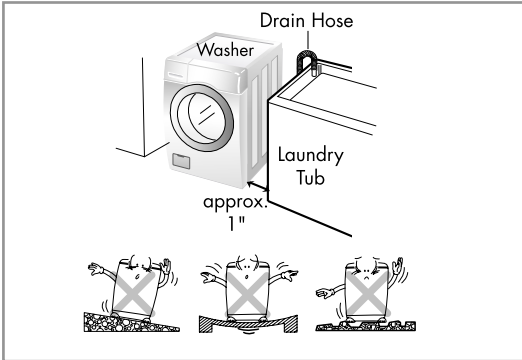
3. Take out the 4 bolts by twisting the braces slightly. Keep the 4 bolts and the wrench for future use.

- Whenever the appliance is transported, the shipping bolts must be replaced.

4. Close the holes with the caps supplied.

I nstallation

■ Installation place requirement



Level floor

Allowable slope under entire washer is 1°.

Power outlet

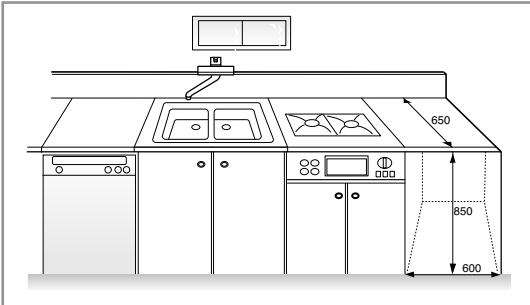
Must be within 60 inches (1.5 m) of either side of the washer. Do not overload the outlet with more than one appliance.

Time-delay fuse or circuit breaker is recommended.

NOTE It is the personal responsibility and obligation of the customer to have a proper outlet installed by a qualified electrician.

Minimum installation spacing

- Additional spacing of 1 in. (2.5 cm) on all sides of the washer is recommended to reduce noise transfer.
- Most installations require a minimum 4 in. (10 cm) clearance behind the washer.
- Companion appliance spacing should also be considered.



■ Positioning

- To minimize noise and vibration, the washer **MUST** be installed on a solidly constructed floor.
- Carpeting and soft tile surfaces are not recommended.
- Never install the washer on a platform or weakly supported structure.

NOTE A firm, solid floor is even more critical to a front-loading washer than to a top-loader. If your floor is wood and/or frame construction, you may need to reinforce it. Front-loaders use substantially faster spin speeds than top-loaders, causing greater vibration. If the floor is not solid, your washer will vibrate. You will hear and feel the vibration throughout your house.

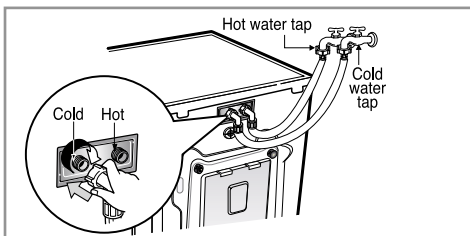
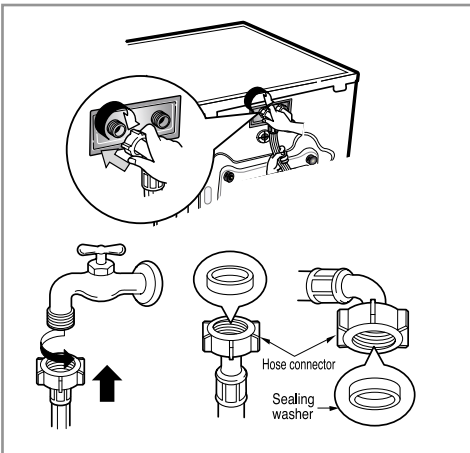
I nstallation

■ Electrical connection

- Do not use an extension cord or double adapter.
- If the supply cord is damaged, it must be replaced by a qualified person in order to avoid a hazard.
- If the machine will not be used for an extended time, unplug it and shut off the water supply.
- Connect the machine to a grounded outlet in accordance with current wiring regulations.
- The appliance must be positioned so that the plug is easily accessible.
- Repairs to the washing machine must only be carried out by qualified personnel. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local service center.
- Do not install your washing machine in rooms where temperatures below freezing may occur. Frozen hoses may burst under pressure. The reliability of the electronic control unit may be impaired at temperatures below freezing point.
- If the appliance is delivered in the winter months and temperatures are below freezing : Store the washing machine at room temperature for a few hours before putting it into operation.

■ Washing Machine is to be connected to the water mains using new hoses Old hoses should not be used.

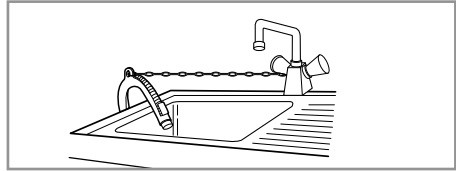
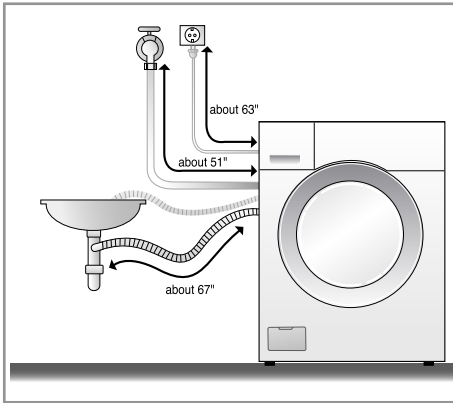
■ Connecting water supply hose



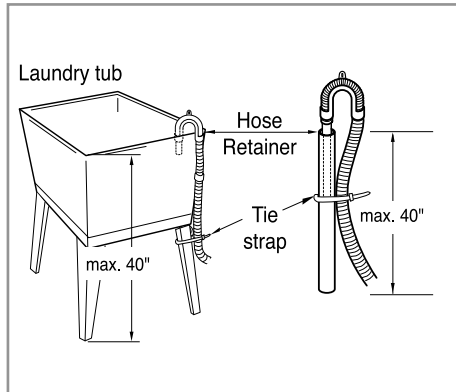
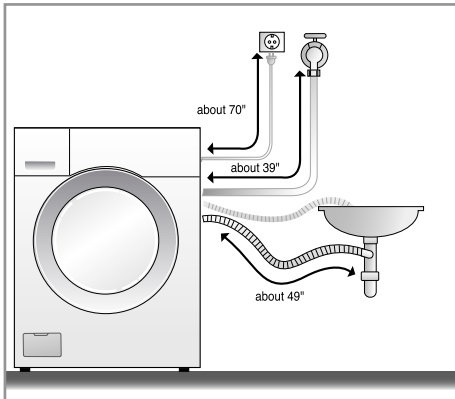
- Water supply pressure must be between 4.5 and 145 PSI (30~1000 kPa)
- Do not cross-thread when connecting inlet hose to the valve.
- If the water supply pressure is more than 145 PSI, a pressure reducing device should be installed.
- Two Sealing washers are supplied with the water inlet hoses to prevent water leaks.
- Check for leakage of washing machine connections by turning the tap completely on.
- Periodically check the condition of the hose and replace the hose if necessary.
- Make sure that there is no kink in the hose and that it is not crushed.
- Be sure that the two water input ports are connected to the correct water faucets. The connector for hot water is colored red.

Installation

■ Installation of drain hose



- When installing the drain hose at a sink, secure it so it cannot break away and cause flooding and damage.
- Properly securing the drain hose will protect the floor from damage due to water leakage.



- The drain hose should not be placed higher than 40" above the floor.
- Properly securing the drain hose will protect the floor from damage due to water leakage.

This equipment is not designed for maritime use or for mobile installations such as in RV's, aircraft, etc.

Turn off the faucet if the machine is to be left for an extended period of time (e.g. holiday).

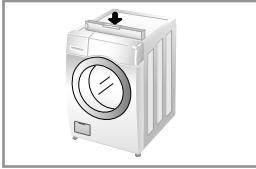
When disposing of the appliance, cut off the power cable, and destroy the plug.

Disable the door lock to prevent young children being trapped inside.

Packaging material (e.g. Films, Styrofoam) can be dangerous for children. There is a risk of suffocation! Keep all packaging from children.

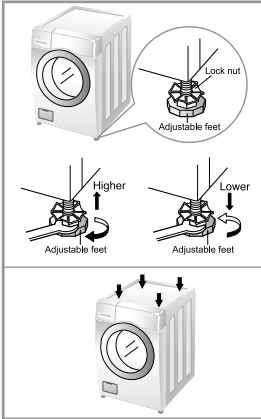
Installation

■ Level adjustment



1. Adjusting the washing machine level properly prevents excessive noise and vibration.
Install the appliance on a solid and level floor surface, preferably in a corner of the room.

NOTE Timber or suspended type flooring may contribute to excessive vibration and unbalance errors.



2. If the floor is uneven, adjust the adjustable feet as required. (do not insert pieces of wood etc. under the feet)

Make sure that all four feet are stable and resting on the floor and then check that the appliance is perfectly level. (use a spirit level)

✳ *After the washer is level, tighten the lock nuts up towards of the base of the washer. All lock nuts must be tightened.*

* Diagonal Check

When pushing down the edges of the washing machine top plate diagonally, the machine should not move up and down at all. (Please, check both of two directions)

If machine rocks when pushing the machine top plate diagonally, adjust the feet again.

■ Concrete floors

- The installation surface must be clean, dry and level.
- Install washer on a flat hard floor.

■ Tile floors (Slippery floors)

- Position each foot on the Tread Mat and level the machine to suit (Cut the Tread Mat into 2 3/4 inches squares and stick the pieces to the dry tile where machine is to be placed).

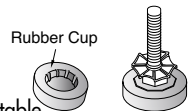
✳ *Tread Mat is a self adhesive material used on ladders & steps to prevent slipping.*

■ Wooden floors

- Wooden floors are particularly susceptible to vibration.
- To prevent vibration we recommend you place rubber cups under each foot, at least 15mm thick under the washer, secured to at least 2 floor beams with screws.
- If possible install the washer in one of the corners of the room, where the floor is more stable.

✳ *Insert the rubber cups to reduce vibration.*

✳ *You can obtain the rubber cups (p/no.4620ER4002B) from the LG parts dept.*



Important!

- Proper placement and levelling of the washer ensure long, regular and reliable operation.
- The washer must be absolutely horizontal and stand firmly in position.
- It must not "Seesaw" across corners under load.
- The installation surface must be clean, free from floor wax and other lubricant coatings.
- Do not let the feet of the washer get wet. If the washer feet get wet, slipping may occur.

P reparation Before Washing

▲ WARNING - To reduce the risk of fire, electric shock, or injury to persons, read the **IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

■ Before the first washing

Select the Normal cycle, add about 1/2 the recommended amount of detergent in the dispenser, and allow the unit to wash without clothing. This will remove any residue from the drum that may remain after manufacturing.

1. Fabric Care Labels

Look for a care label on your clothes. This will tell you about the fabric content of your garment and how it should be washed.

2. Sorting

To get the best results, sort clothes into loads that can be washed with the same wash cycle. Different fabrics need to be washed in different ways.

Always sort dark colors from pale colors and whites. Wash separately as dye and lint transfer can occur causing discoloration of white clothing. If possible, do not wash heavily soiled items with lightly soiled ones.

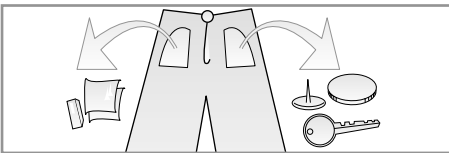
Soil (Heavy, Normal, Light)
Color (White, Lights, Darks)
Lint (Lint Producers, Collectors)

Separate clothes according to amount of soil.
Separate white fabrics from colored fabrics.
Wash lint producers and lint collectors separately.

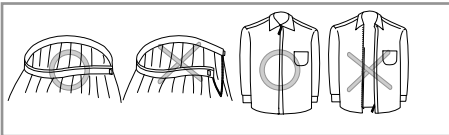
3. Check before loading

■ **Combine large and small items in a load. Load large items first. Large items should not be more than half the total wash load.**

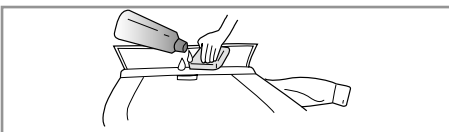
Do not wash single items. This may cause an out-of-balance load. Add one or two similar items.



- Check all pockets to make sure that they are empty. Things such as nails, hair clip, matches, pens, coins and keys can damage both your washer and your clothes.



- Close zippers, hooks, and strings to make sure that these items don't snag on other clothes.



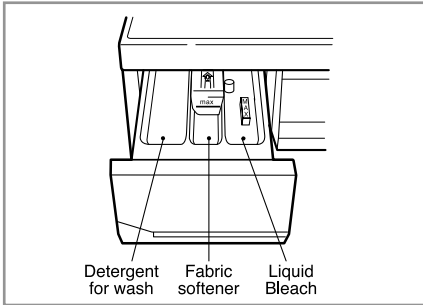
- Pre-treat dirt and stains by brushing a little detergent dissolved in water onto stains like collars and cuffs to help shift dirt.

NOTE Do not wash or spin water-proof clothes.

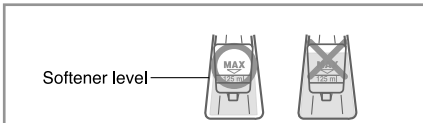
Adding detergent

■ Adding detergent and fabric softener

1. The Dispenser Drawer



2. Adding Fabric Softener

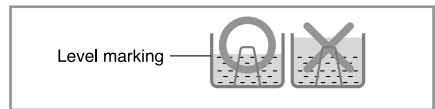


- Do not exceed the maximum fill line. Overfilling can cause early dispensing of the fabric softener which could stain clothes.
- Do not leave the fabric softener in the detergent drawer for more than 2 days. (Fabric softener could harden)
- Softener will automatically be added during last rinse cycle.
- Do not open the drawer when water is supplied.
- Solvents (benzene, etc.) are not allowable.

NOTE Do not pour fabric softener directly on the clothes

3. The liquid bleach dispenser

- Do not open the dispenser drawer during water fill cycle.
- Bleach will be dispensed automatically after the detergent has had time to work.
- Do not exceed the maximum fill line.



4. Detergent usage

- High efficiency (HE) detergent is recommended for this washer.
- Use the manufacturer's recommended amount.
- If high efficiency (HE) detergent is not available, a reduced amount of regular detergent may be used.
- Because reducing the amount of detergent may reduce cleaning, it is important to pretreat stains, sort carefully by color and soil level, and avoid overloading.
- Detergent usage may need to be adjusted for water temperature, water hardness, size and soil level of the load. For best results, avoid using too much detergent.
- Detergent is dispensed at the beginning of the cycle.

■ Select cycles designed for different types of fabric and soil levels.

Cycle	Fabric type	Wash/Rinse Temp.	Spin speed	Soil Level	Dry	Soak	Extra Wash	Extra Rinse	Rinse+ Spin	Auto-Load Detection ¹⁾
Sanitary	Heavily soiled underwear, work clothes, diapers, etc.	Extra Hot/Cold	High	Normal	○	○	○	○	○	○
			Extra High No spin Low Medium	Heavy Light						
Cotton/ Towels	Cotton, linen, towels, shirts, sheets	Warm/Cold	High	Normal	○	○	○	○	○	○
		Warm/Warm Hot/Cold Cold/Cold	Extra High No spin Low Medium	Heavy Light						
Normal	Mixed loads, work clothes, jeans, shirts	Warm/Cold	High	Normal	○	○	○	○	○	○
		Warm/Warm Hot/Cold Cold/Cold	Extra High No spin Low Medium	Heavy Light						
Perm Press	Dress shirts/ pants, wrinkle free clothing, poly/ cotton blend clothing, table cloths	Warm/Cold	Medium	Normal	○	○	○	○	○	
		Warm/Warm Hot/Cold Cold/Cold	High No spin Low	Heavy Light						
Delicates	Dress shirts/ blouses, nylons, sheer or lacy garment	Cold/Cold	Medium	Normal				○	○	
		Warm/Cold Warm/Warm	No spin Low	Heavy Light						
Wool/Silk	Woolens, Silk identified as machine washable	Cold/Cold	Low	Normal				○	○	
		Warm/Cold Warm/Warm Tap Cold/Cold	Medium No spin	Light						
Hand Wash	Items labeled "hand washable"	Cold/Cold	Low	Normal				○	○	
		Warm/Cold Warm/Warm	Medium No spin	Light						
Speed Wash	Lightly soiled clothing	Hot/Cold	Extra High	Light	○			○	○	
		Cold/Cold Warm/Cold Warm/Warm	No spin Low Medium High	Normal Heavy						

1) Automatic wash load (weight) detection:

Automatically detects the load and optimizes the washing time. After detecting, the estimated time remaining in the cycle will be displayed.

How to use washer



1. Power ()

- Use this button to turn the Power **On/Off**.

2. Cycles

- Rotate the **Cycle selector knob** to select cycle designed for different types of fabric and soil levels.
- Each cycle has a preset Water Temperature, Spin Speed, Soil Level, and Option (See page 12).
- The preset settings can be changed anytime before Start.

NOTE This front load washer requires longer cycle time and gets clothes much cleaner, yet is more gentle on the fabrics, than top load washers. Washing time can be reduced significantly for small loads or lightly soiled loads by selecting Speed Wash with the Cycle knob and setting the Soil Level button at Light.

3. Start/Pause ()

- Use this button to **start/stop** the washer.

4. Delay Wash

- Allows the start of any cycle to be delayed for 1~19 hours.
- Choose the wash cycle for your load, and then press the Delay Wash button once for one hour or press the button again to increase the delay wash time up to 19 hours in one hour increments.

5. Extra Rinse

- This option provides an additional rinse.
- Use this option to ensure the removal of detergent or bleach residue from garments.

How to use washer

6. Wash/Rinse Temperature

- Select a water temperature based on the type of load you are washing.
- Follow the fabric care label and chart below for best results.

Suggested Wash Temp.	Garment
Extra Hot	Kitchen towels, sheets, and baby garments
Hot	Whites and Heavy soiled color-fast items
Warm	Most loads
Cold	Brightly colored items, washable woolens

- Warm rinses leave the loads dryer than cold rinses. Warm rinses increase wrinkling.
- In cold climates, a warm rinse makes the load more comfortable to handle.
- Cold rinses save energy.
- The Cold rinse temperatures depend on the cold water at your faucet.

7. Spin speed

- To change the spin speed, press the **Spin Speed** button repeatedly to cycle through available options.

8. Soil Level

- To change the soil level, press the **Soil Level** button repeatedly until the desired setting is on.

How to use washer

9. Dry

- Drying options are easily selected with the Dry button.
- For most even drying, make sure all articles in the clothes load are similar in material and thickness.
- Do not overload dryer by stuffing too many articles into drum. Items must be able to tumble freely
- If you open door and remove load before dryer has finished its cycle, remember to press the **Start/Pause** button.
- By pressing the **Dry** button, you can select



- Your dryer can handle a load of up to 9 lbs. (4 kg) dry weight of articles.
- When drying cycle is completed, ϵ_d (Cool Down) is displayed on the Multi display.
- Cool Down is set automatically when the drying cycle is complete.
- If clothes are not removed promptly when the drying cycle ends, wrinkles can form.
- The Cool Down feature periodically tumbles, rearranges and fluffs the load to avoid wrinkles for up to 4 hours.
- The ϵ_d message will continue to display until the clothes are removed or the Start/Pause button is pressed.

1) Drying Automatic guide

- Use your Automatic Cycles to dry most loads. Electronic sensors measure the temperature of the exhaust to increase or decrease the drying temperature for faster reaction time and tighter temperature control.
- Recommended Dry selection according to fabric type:
 - a) Perm Press - Low Temp.
 - b) If clothes are to be ironed - Less
 - c) Cotton/Towels - Normal
 - d) Diapers - More

NOTE The estimated drying time varies from the actual drying time with an Automatic. The type of fabric, size of the load, and the dryness selected affect drying time.

2) Drying time guide

- By pressing the Dry button, the drying time can be selected.
- Timed dry can last up to 150 min. When selecting Dry only, drying will start after spinning.
- These drying times are given as a guide to help you set your dryer for manual drying. Drying times can vary greatly depending on dampness, room temperature and type of fabric. Your own experience will be your best guide.

Woolen Articles

- Do not tumble dry woolen articles. Pull them to their original shape and dry them flat.

Woven and Loopknit Materials

- Some woven and loopknit materials may shrink, by varying amounts, depending on their quality.
- Always stretch them out immediately after drying.

Permanent Press and Synthetics

- Do not overload your dryer.
- Take out permanent press articles as soon as the dryer stops to reduce wrinkles.

Fiber or Leather Materials

- Always check the manufacturer's instructions.

Baby clothes and Night Gowns

- Always check the manufacturer's instructions.

Rubber and Plastics

- Do not dry any items made from or containing rubber or plastics, such as:
 - a) aprons, bibs, chair covers
 - b) curtains and table cloths
 - c) bathmats

Fiber glass

- Do not dry fiberglass articles in your dryer. Glass particles left in the dryer could be picked up by your clothes the next time you use the dryer and irritate your skin.

How to use washer

OPTION

1. Soak

- Provides a set time for soaking, then automatically moves into the wash cycle.
- Use this option to wash normal clothes or thick and heavy clothes which are excessively dirty.

2. Extra Wash

- If the laundry is heavily soiled, Extra Wash option is effective.
- Available in Sanitary, Cotton/Towels, Normal and Perm Press cycles.

3. Rinse+Spin

- Use this option to rinse and then spin.

4. Spin Only

- Use this option to select spin cycle only.

5. Dry Only

- When you want dry only, select this option.

MULTI DISPLAY



- This display shows:
 - a) the estimated time remaining in the cycle when operating,
 - b) the error code when an error has been detected.

STATUS INDICATOR

Wash ||| Rinse ||| Spin ||| Dry

- These lights show which portion of the cycle the washer is operating.

CHILD LOCK Child Lock




- Use this option to prevent unwanted use of the washer. Press and hold Delay Wash button for 3 seconds to lock/unlock control.
- When Child lock is set, Child Lock lights and all buttons are disabled except the Power (⏻) button. You can lock the washer while it is operating.

DOOR LOCKED

- Lights whenever the door of the washer is locked.
- The door can be unlocked by pressing the **Start/Pause** (⏻) button to stop the washer. It will unlock after 1~2 minutes.

NOTE If the water temperature or the level is too high, the door cannot be unlocked.

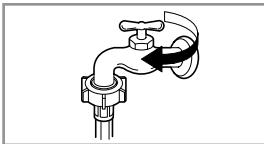
Do not try to force the door open when **DOOR LOCKED** () lights on.

Maintenance

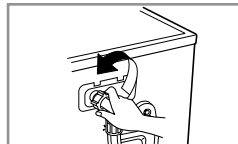
- * Before cleaning the washer interior, unplug the electrical power cord to avoid electrical shock hazards.
- * When disposing of the appliance, cut off the mains cable, destroy the plug, and disable the door lock to prevent young children being trapped inside.

■ The water inlet filter

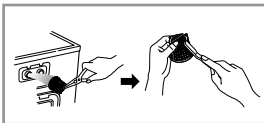
- " iE " error message will blink on the control panel when water does not enter the detergent drawer.
- If your water is very hard or contains traces of lime deposit, the water inlet filter may become clogged. We recommend cleaning it every few months.



1. Turn off the water tap.



2. Unscrew the water inlet hose.



3. Clean the filter using a hard bristle brush.



4. Tighten the inlet hose.

■ The drain pump filter

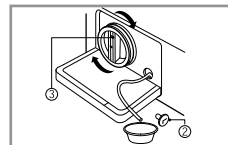
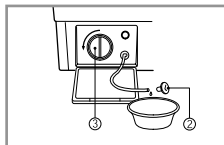
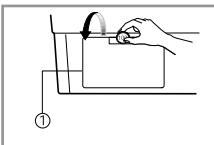
- * The drain filter collects threads and small objects left in the laundry. Check regularly that the filter is clean to ensure smooth running of your machine.

▲ CAUTION

**Drain, using the drain hose, before opening the pump filter to remove objects.
Be careful when draining if the water is hot.**

- Allow the water to cool down before cleaning the drain pump filter.

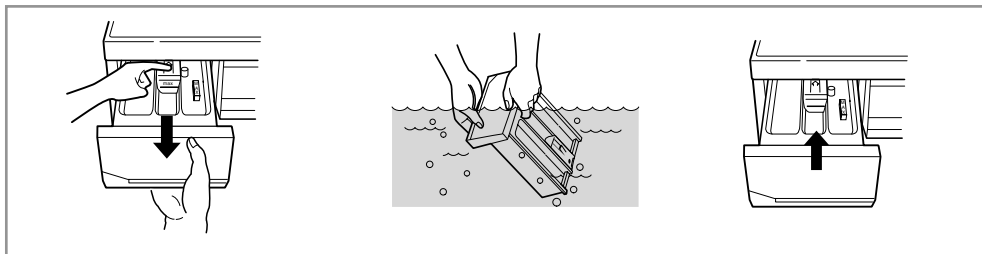
1. Open the lower cover cap (①) with a tool such as coin. Turn the drain plug (②) to pull out the hose.
2. Unplug the drain plug (②), allowing the water to flow out. At this time use a vessel to prevent water from flowing onto the floor. When water does not flow any more, turn the pump filter (③) open to the left.
3. Remove any foreign objects from the pump filter (③). After cleaning, turn the pump filter (③) clockwise and insert the drain plug (②) to the original place. Close the lower cover cap(①).



Maintenance

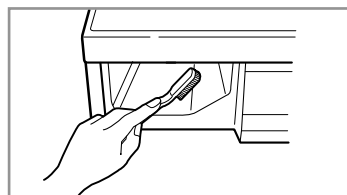
■ Dispenser drawer

- * After a while detergents and fabric softeners leave a deposit in the drawer.
- It should be cleaned from time to time with a jet of running water.
- If necessary it can be removed completely from the machine by pressing the catch downward and by pulling it out.
- To facilitate cleaning, the upper part of the fabric softener compartment can be removed.



■ The drawer recess

- * Detergent can also accumulate inside the recess which should be cleaned occasionally with an old toothbrush.
- Once you have finished cleaning, replace the drawer and run a rinse cycle without laundry.



■ The washing drum

- If you live in a hard water area, lime scale can continuously build up in places where it cannot be seen and it is not easily removed from the drum. Over time the build-up of scale clogs appliances, and if it is not kept in check, these will eventually have to be replaced.
- Although the washing drum is made of Stainless steel, specks of rust can be caused by small metal articles (paper clips, safety pins, etc.) which have been left in the drum.
- The washing drum should be cleaned from time to time.
- If you use descaling agents, dyes, or bleaches, make sure they are suitable for washing machine use.
- Descaler could contain components that can damage part of your washing machine.
- Remove the spots with a stainless steel cleaning agent.
- Never use steel wool.

Maintenance

■ Cleaning your washer

1. Exterior

Proper care of your washer can extend its life.

The outside of the machine can be cleaned with warm water and a neutral, non-abrasive household detergent.

Immediately wipe off any spills with a damp cloth.

Try not to damage the surface with sharp objects.

* **IMPORTANT:** Do not use methyated spirit, solvents or similar products.

2. Interior

Dry around the washer door opening, flexible gasket and door glass. These areas should always be clean to ensure a water-tight seal.

Run washer through a complete cycle using hot water.

Repeat process if necessary.

NOTE Remove hard water deposits using only cleaners labeled as safe for washing machines.

■ Winterizing instructions

If the washer is stored in an area where freezing can occur or moved in freezing temperatures, follow these winterizing instructions to prevent damage to the washer:

1. Turn off water supply tap.
2. Disconnect hoses from water supply and drain water from hoses.
3. Plug electrical cord into a properly grounded electrical outlet.
4. Add 1 gallon (3.8 ℓ) nontoxic recreational vehicle (RV) antifreeze to empty wash drum. Close door.
5. Set spin cycle and let washer spin for 1 minute to drain out all the water.
Not all of the RV antifreeze will be expelled.
6. Unplug electrical power cord, dry drum interior, and close door.
7. Remove the two-compartment container from the Dispenser. Drain any water in compartments and dry the compartments.
8. Store washer in an upright position.
9. To remove antifreeze from washer after storage, run empty washer through a complete cycle using detergent. **Do not add laundry.**

Troubleshooting guide











* This washing machine is equipped with automatic safety functions which detect and diagnose problems at an early stage and react appropriately. When the machine does not function properly or does not function at all, check the following points before you call the Service Department.

Problem	Possible Cause	Solution
Rattling and clanking noise	<ul style="list-style-type: none"> Foreign objects such as coins or safety pins may be in drum or pump. 	<p>Stop washer and check drum and drain filter.</p> <p>If noise continues after washer is restarted, call for service.</p>
Thumping sound	<ul style="list-style-type: none"> Heavy wash loads may produce a thumping sound. This is normal. 	<p>If sound continues, washer is probably out of balance. Stop and rearrange wash load.</p>
Vibrating noise	<ul style="list-style-type: none"> Have all the transit bolts and packing been removed? Wash load may be unevenly distributed in the drum. Are all the feet resting firmly on the ground? 	<p>See Installation Instructions for removing shipping bolts.</p> <p>Stop washer and rearrange wash load.</p> <p>Adjust the leveling feet.</p> <p>Make sure all four feet are in firm contact with the floor, while the washer is in the spin cycle with a load.</p>
Water leaks	<ul style="list-style-type: none"> Fill hose connection is loose at tap or washer. House drain pipes are clogged. 	<p>Check and tighten hose connections.</p> <p>Unclog drain pipe. Contact plumber if necessary.</p>
Excessive suds	<ul style="list-style-type: none"> Too much detergent or unsuitable detergent. 	<p>Reduce detergent amount or use low sudsing detergent.</p>
Water does not enter washer or it enters slowly	<ul style="list-style-type: none"> Water supply is not adequate in area. Water supply tap is not completely open. Water inlet hose is bent. The filter of the inlet hose is clogged. 	<p>Check another tap in the house.</p> <p>Fully open tap.</p> <p>Straighten hose.</p> <p>Check the filter of the inlet hose.</p>
Water in the washer does not drain or drains slowly	<ul style="list-style-type: none"> Drain hose is bent or clogged. The drain filter is clogged. 	<p>Clean and straighten the drain hose.</p> <p>Clean the drain filter.</p>

Troubleshooting guide

Problem	Possible Cause	Solution
<p>Washer does not start</p> <p>Washer won't spin</p>	<ul style="list-style-type: none"> • Electrical power cord may not be plugged in or connection may be loose. • House fuse is blown, circuit breaker tripped, or a power outage has occurred. • Water supply tap is not turned on. • Check that the door is firmly shut. 	<p>Make sure plug fits tightly in wall outlet.</p> <p>Reset circuit breaker or replace fuse. Do not increase fuse capacity. If problem is a circuit overload, have it corrected by a qualified electrician.</p> <p>Turn on water supply tap.</p> <p>Close the door and press the Start/Pause button. After pressing the Start/Pause button, it may take a few moments before the clothes washer begins to spin. The door must lock before spin can be achieved.</p>
<p>Door does not open</p>		<p>Once started, the door can not be opened for safety reasons. Wait one or two minutes before opening the door to give the electric locking mechanism time to release.</p>
<p>Wash cycle time delayed</p>	<ul style="list-style-type: none"> • The washing time may vary by the amount of laundry, water pressure, water temperature, and other using conditions. 	<p>If an imbalance is detected or if the suds removing program operates, the wash time shall be increased.</p>
<p>Dry problem</p>	<ul style="list-style-type: none"> • Does not dry 	<p>Do not overload. Check that the washer is draining properly to extract adequate water from the load. Clothes load is too small to tumble properly. Add a few towels.</p>

Troubleshooting guide

Problem	Possible Cause	Solution
	<ul style="list-style-type: none"> • Water supply is not adequate in area. • Water supply taps are not completely open. • Water inlet hose is bent. • The filter of the inlet hose clogged. 	<p>Check another tap in the house.</p> <p>Fully open tap.</p> <p>Straighten hose.</p> <p>Check the filter of the inlet hose.</p>
	<ul style="list-style-type: none"> • Drain hose is bent or clogged. • The drain filter is clogged. 	<p>Clean and straighten the drain hose.</p> <p>Clean the drain filter.</p>
	<ul style="list-style-type: none"> • Load is too small. • Load is out of balance. • The appliance has an imbalance detection and correction system. If individual heavy articles are loaded (bath mat, bath robe, etc.) and the imbalance is too great, after several attempts to restart the spin cycle the machine will stop and the error code will be displayed. 	<p>Add 1 or 2 similar items to help balance the load.</p> <p>Rearrange load to allow proper spinning.</p>
	<ul style="list-style-type: none"> • Is the door opened or not completely closed? 	<p>Close the door completely.</p> <p>* If “dE ” is not released, call for service.</p>
		<p>Unplug the power plug and call for service.</p>
	<ul style="list-style-type: none"> • The water overfills due to the faulty water valve. 	<p>Close the water tap.</p> <p>Unplug the power plug.</p> <p>Call for service.</p>
	<ul style="list-style-type: none"> • The water level sensor malfunction. 	
	<ul style="list-style-type: none"> • Overload in motor. 	
	<ul style="list-style-type: none"> • Overload in motor. 	
	<ul style="list-style-type: none"> • Check water supply. 	

Warranty

LG ELECTRONICS, INC. LG Washing Machine Limited Warranty - USA



Your LG Washing Machine will be repaired or replaced, at LG's option, if it proves to be defective in material or workmanship under normal use, during the warranty period ("Warranty Period") set forth below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, including Alaska, Hawaii, and U.S. Territories.

<u>WARRANTY PERIOD:</u>	<u>HOW SERVICE IS HANDLED:</u>
<p>LABOR: One Year from the Date of Purchase.</p> <p>PARTS (except as listed below): One Year from the Date of Purchase.</p> <p>Electronic Control Board: 2 Years from the Date of Purchase.</p> <p>Drum Motor: 7 Years from the Date of Purchase.</p> <p>Stainless Steel Drum: Lifetime</p> <p>Replacement Units and Repair Parts may be new or factory remanufactured.</p> <p>Replacement Units and Repair Parts are warranted for the remaining portion of the original unit's warranty period.</p>	<p>In-Home Service: Please retain dealer's dated bill of sale or delivery ticket as evidence of the Date of Purchase for proof of warranty, and submit a copy of the bill of sale to the service person at the time warranty service is provided.</p> <p>Please call 1-877-714-7486 and choose the appropriate option to locate your nearest LG Authorized Service Center.</p> <p>Or visit our website at: http://www.lgservice.com</p>

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

THIS LIMITED WARRANTY DOES NOT APPLY TO:

- Service trips to your home to deliver, pick up, and/or install the product, instruct, or replace house fuses or correct wiring, or correction of unauthorized repairs.
- Damages or operating problems that result from misuse, abuse, operation outside environmental specifications or contrary to the requirements of precautions in the Operating Guide, accident, vermin, fire, flood, improper installation, acts of God, unauthorized modification or alteration, incorrect electrical current or voltage, or commercial use, or use for other than intended purpose.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

CUSTOMER INTERACTIVE CENTER NUMBERS

<p>To obtain Customer Assistance, Product Information, or Dealer or Authorized Service Center location:</p>	<p>Call 1-877-714-7486 (24 hours a day, 365 days per year) and select the appropriate option from the menu. Or visit our website at: http://www.lgservice.com</p>
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TO CONTACT LG ELECTRONICS BY MAIL:

LG Customer Interactive Center
P. O. Box 240007
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Huntsville, Alabama 35824
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LG Electronics Inc.